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DRYWALL SANDER 710W
POWX0476

1 APPLICATION

The drywall sander is designed for sanding walls and ceiling that are made of drywall or plaster. The sander provides a superior finish, and is faster than conventional finishing methods for both new construction and renovation work. It is designed to work in conjunction with a vacuum cleaner for minimum dust and best sanding results. The pivoting sanding head allows excellent results with minimum time and effort. It is not designed for commercial use.

WARNING! Read this manual and general safety instructions carefully before using the appliance, for your own safety. Your power tool should only be passed on together with these instructions.

2 DESCRIPTION (FIG. 1-2)

1. Extendable tube
2. Partially removable sanding plate cover
3. Extendable vacuum hose
4. ON/OFF switch
5. Power supply cable
6. Extend button
7. Sanding paper
8. Hook and loop sponge pad
9. Brush bristles
10. Vacuum cleaner hose bayonet mount
11. Blocking pin hole
12. Speed adjusting wheel
13. Carbon brush cover

3 PACKAGE CONTENT LIST

- Remove all packaging materials.
- Remove remaining packing and package inserts (if included).
- Check that the package contents are complete.
- Check the appliance, the power cord, the power plug and all accessories for transportation damage.
- Keep the packing materials as far as possible till the end of the warranty period. Dispose it into your local waste disposal system afterwards.

WARNING: Packaging materials are not toys! Children must not play with plastic bags! Danger of suffocation!

Fig. 3

1 x drywall sander
1 x manual
6 x sanding paper (grain 2x60/2x100/2x240)
1 x extendable vacuum cleaner hose
1 x carrying bag
1 x hex key
1 x blocking pin
1 x vacuum cleaner hose bayonet mount

If any parts are missing or damaged, please contact your dealer.

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4 SYMBOLS

In this manual and/or on the machine the following symbols are used:

	Always wear a dust mask.		Always wear safety goggles.
	Denotes risk of personal injury or damage to the tool.		Read the manual before use.
	In accordance with essential safety standards of applicable European directives.		Class II - The machine is double insulated; earthing wire is therefore not necessary.

5 GENERAL POWER TOOL SAFETY WARNINGS

Read all safety warnings and instructions. Failure to heed warnings and follow instructions may result in electric shock, fire and/or serious injury. Keep safety warnings and instructions for future reference. The term "power tool" in the safety warnings refers to your mains-operated (corded) power tool or battery- operated (cordless) power tool.

5.1 Working area

- Keep working area clean and well lit. Untidy and dark areas can lead to accidents.
- Do not operate power tools in potentially explosive surroundings, for example, in the presence of inflammable liquids, gases or dust. Power tools create sparks which may ignite the dust or fumes.
- Keep children and bystanders at a distance when operating a power tool. Distractions can cause you to lose control of it.

5.2 Electrical safety

- Always check that the power supply corresponds to the voltage on the rating plate.
- Power tool plugs must match the outlet. Never modify the plug in any way. Do not use adapter plugs with earthed power tools. Unmodified plugs and matching outlets will reduce the risk of an electric shock.
- Avoid body contact with earthed surfaces such as pipes, radiators, kitchen ranges and refrigerators. There is an increased risk of an electric shock if your body is earthed.
- Do not expose power tools to rain or wet conditions. If water gets inside a power tool, it will increase the risk of an electric shock.
- Do not damage the cord. Never use the cord for carrying, pulling or unplugging the power tool. Keep the cord away from heat, oil, sharp edges or moving parts. Damaged or entangled cords increase the risk of an electric shock.
- When operating a power tool outdoors, use an extension cable suitable for outdoor use. Using a cord suitable for outdoor use reduces the risk of an electric shock.
- If operating a power tool in a damp location is unavoidable, use a power supply protected by a residual current device (RCD). Using an RCD reduces the risk of an electric shock.

5.3 Personal safety

- Stay alert, watch what you are doing and use common sense when operating a power tool. Do not use a power tool when you are tired or under the influence of drugs, alcohol or medication. A moment of inattention when operating a power tool may result in serious personal injury.
- Use safety equipment. Always wear eye protection. Using safety equipment such as a dust mask, non-skid safety shoes, a hard hat, or hearing protection whenever it is needed will reduce the risk of personal injury.

- Avoid accidental starts. Ensure the switch is in the off position before inserting the plug. Carrying power tools with your finger on the switch or plugging in power tools when the switch is in the on position makes accidents more likely.
- Remove any adjusting keys or spanners before turning on the power tool. A spanner or key left attached to a rotating part of the power tool may result in personal injury.
- Do not reach out too far. Keep your feet firmly on the ground at all times. This will enable you retain control over the power tool in unexpected situations.
- Dress properly. Do not wear loose clothing or jewellery. Keep your hair, clothing and gloves away from the power tool. Loose clothes, jewellery or long hair can become entangled in the moving parts.
- If there are devices for connecting dust extraction and collection facilities, please ensure that they are attached and used correctly. Using such devices can reduce dust-related hazards.

5.4 Power tool use and care

- Do not expect the power tool to do more than it can. Use the correct power tool for what you want to do. A power tool will achieve better results and be safer if used in the context for which it was designed.
- Do not use the power tool if the switch cannot turn it on and off. A power tool with a broken switch is dangerous and must be repaired.
- Disconnect the plug from the power source before making adjustments, changing accessories, or storing power tools. Such preventive safety measures reduce the risk of starting the power tool accidentally.
- Store power tools, when not in use, out of the reach of children and do not allow people who are not familiar with the power tool or these instructions to operate it. Power tools are potentially dangerous in the hands of untrained users.
- Maintain power tools. Check for misalignment or jammed moving parts, breakages or any other feature that might affect the operation of the power tool. If it is damaged, the power tool must be repaired. Many accidents are caused by using poorly maintained power tools.
- Keep cutting tools sharp and clean. Properly maintained cutting tools with sharp cutting edges are less likely to jam and are easier to control.
- Use the power tool, accessories and cutting tools, etc., in accordance with these instructions and in the manner intended for the particular type of power tool, taking into account the working conditions and the work which needs to be done. Using a power tool in ways for which it was not intended can lead to potentially hazardous situations.

5.5 Service

Your power tool should be serviced by a qualified specialist using only standard spare parts. This will ensure that it meets the required safety standards.

6 ADDITIONAL SAFETY HINTS

- Keep your hands away from rotating sanding head area at all times.
- Prolonged breathing of airborne dust from drywall sanding may effect respiratory function:
  - Always use a vacuum cleaner with a bag approved for drywall dust installed
  - Always wear a respirator approved for dust and mist
- Sanding lead-based paint is extremely toxic and should not be attempted. Only allow professionals with special training and equipment perform this task.
- Maintain proper footing and balance at all times. Do not overreach. Use proper scaffolding.
- Always wear appropriate safety equipment when operating.
- Important: after completing sanding, switch off the switch and wait for the coasting sanding head to stop completely before putting the tool down.
- Never operate the tool in an area with flammable solids, liquids, or gases. Sparks from the commutator / carbon brushes could cause a fire or explosion.

- There are certain applications for which this tool was designed. The manufacturer strongly recommends that this tool can not be modified and / or used for any application other than for which it was designed.
- Use the machine with both hands at all times. Loss of control can cause personal injury.
- Keep power supply cord clear from the working range of the machine. Always lead the cable away behind you.
- Immediately switch off the machine if unusual vibrations or if other malfunctions occur. Check the machine in order to find out the cause.
- The dust that arises when working with this tool can be harmful to health. Use a dust absorption system and wear a suitable dust protection mask and remove deposited dust with a vacuum cleaner.

6.1 Electrical connection

The network voltage must conform to the voltage indicated on the tool name plate. Under no circumstances should the tool be used when the power supply cable is damaged. A damaged cable must be replaced immediately by an authorized Customer Service Centre. Do not try to repair the damaged cable yourself. The use of damaged power cables can lead to an electric shock.

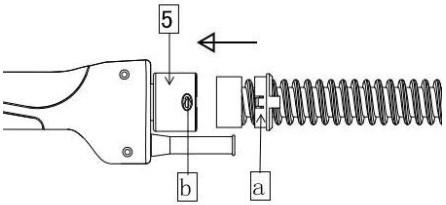
7 ASSEMBLY

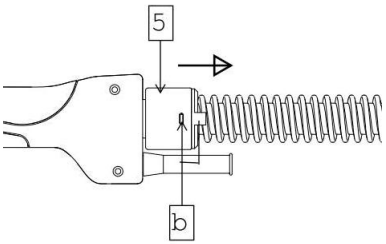
7.1 The brush bristles on the edge of the sanding plate cover (2)

The brush bristles (9) on the edge of the sanding plate cover (2) serve two purposes, they keep the sanding disc (7) properly aligned with the work surface without gouging and they also help the efficiency of the dust collection by the vacuum cleaner. These brush bristles (9)will wear with continued use.
The sanding plate cover (2) should be replaced when the bristles (9) are too worn to ensure effective dust collection and stabilization of the sanding head.
To replace, hold the centre bolt from turning with a slot head screwdriver and unscrew the sanding plate. Remove the vacuum hose (3) and lift sanding plate cover away.
Replacement is the opposite of removal. Entrust all repairs to an authorized service centre.

NOTE: Only use sandpaper discs (7) which fit properly and which are designed for vacuum use.

7.2 To install the vacuum cleaner hose





- Unplug the machine.

- Plug the vacuum cleaner hose into the adaptor for dust collection. Insert component (A) directly and fix it tightly with component (B).
- Dismantling process: push down component (B) with a multi-blade screwdriver or simply hold the right side of component (B) and then pull out the vacuum cleaner hose properly.

Ensure that you have a bag installed in your vacuum cleaner which is approved and rated for drywall dust.

WARNING: Failure to use an approved dust bag in your vacuum cleaner will increase the level of airborne dust in the work area. Prolonged exposure to such dust may cause respiratory harm

8 OPERATION

8.1 Starting and stopping tool

Make sure that the power circuit voltage is the same as that shown on the specification plate of the machine and that switch (4) is “OFF” before connecting the tool to the power circuit.

8.2 Switching the machine on and off

Turn on/off the drywall sander by switch

8.3 Adjusting the rotation speed

The speed of the machine is variable to suit different tasks. It can be adjusted from 0 min^{-1} up to 1050 min^{-1} by using the thumb wheel (12). Turn in the counter clockwise direction to increase the speed and in the clockwise direction to decrease the speed. Generally, you should use the higher speed for fast stock removal and the lower speed for more precise control.

8.4 Extend the drywall sander

- Push the tube button
- Extend the tube
- Release the button, the button will lock the tube.

8.5 To install a sandpaper disc:

- Unplug the machine.
- Peel away the worn out sandpaper disc (7), leaving the sponge backing pad in place.
- Carefully press the new sandpaper disc into place. It will be held securely by the hook and loop backing.

8.6 To replace the hook and loop sponge pad (8):

The sponge pad must be perfectly flat to get good sanding results. If it is deformed or damaged it will cause very uneven sanding. Always replace it when damaged.

8.7 How to use the tool

Effective control of this powerful tool requires two-handed for maximum safety and control. It is vitally important to keep stable footing at times, especially when scaffolding or stilts.

8.8 Polish the ceiling easily (Fig. 8)

Use the blocking pin to fix the head of the drywall sander when you polish the ceiling. Put the blocking pin in the hole.

9 SANDING OPERATIONS

- Once the machine and vacuum cleaner are set up and all safety measures and equipment are in place, begin by turning on the vacuum cleaner and then the machine. (If you are using a vacuum cleaner with integrated switching, then simply turn the machine on.)
- Begin sanding and carefully contact the work surface as lightly as possible-just enough to keep the sanding head flat against the surface.
- The joist in the sanding head allow the sanding disc (7) to follow the contours of the work surface.
- The best technique is to use overlapping sweeps and keep the head in constant motion. Never stop too long in any one place or there will be swirl marks. With experience it will be very easy to create excellent results.

NOTE: Ensure that the sandpaper (7) you are using is suited to the task, Overly coarse grit paper may remove material too quickly to control. While overly fine grit paper may clog too often and not shape down the surface.

CAUTION: Take care to avoid sharp projections and nails, etc. This will wipe out the sandpaper and probably damage the sponge pad as well.

10 CLEANING AND MAINTENANCE

10.1 Keep tool clean

Periodically blow out all air passages with dry compressed air. All plastic parts should be cleaned with a soft damp cloth. NEVER use solvents to clean plastic pats. They could possibly dissolve or otherwise damage the material.
Wear safety glasses while using compressed air.
Clean the vacuum swivel connector as too much dust will keep it from turning freely.

10.2 The carbon brushes (13)

The carbon brushes are a normal wearing part and must be replaced when they reach their wear limit.

10.3 Carbon brushes replacement

- Unscrew the brush –holder caps using a cutting tool.
- Extract the worn brushes and replace them with new ones.
- Lock the brush-holder caps.

11 TECHNICAL DETAILS

Model nr.	POWX0476
Rated power	710W
Rated frequency	50 Hz
Rated voltage	220-240V
Rotation speed	0-1200 min^{-1}
Disc diameter	225 mm
Cable length	4 m + VDE plug
Flexible hose	4 m
Tube	415mm to 695mm

12 NOISE

Noise emission values measured according to relevant standard. (K=3)

Acoustic pressure level LpA	89 dB(A)
Acoustic power level LwA	100 dB(A)

ATTENTION! Wear hearing protection when sound pressure is over 85 dB(A).

aw (Vibration)	1,4 m/s²	K = 1,5 m/s²

13 WARRANTY

- This product is warranted for a 36-month period effective from the date of purchase by the first user.
- This warranty covers all material or production flaws excluding : batteries, chargers, defective parts subject to normal wear & tear such as bearings, brushes, cables, and plugs, or accessories such as drills, drill bits, saw blades, etc. ; damage or defects resulting from maltreatment, accidents or alterations; nor the cost of transportation.
- Damage and/or defects resulting from inappropriate use also do not fall under the warranty provisions.
- We also disclaim all liability for any bodily injury resulting from inappropriate use of the tool.
- Repairs may only be carried out by an authorised customer service centre for Powerplus tools.
- You can always obtain more information at the number 00 32 3 292 92 90.
- Any transportation costs shall always be borne by the customer, unless agreed otherwise in writing.
- At the same time, no claim can be made on the warranty if the damage of the device is the result of negligent maintenance or overload.
- Definitely excluded from the warranty is damage resulting from fluid permeation, excessive dust penetration, intentional damage (on purpose or by gross carelessness), inappropriate usage (use for purposes for which the device is not suitable), incompetent usage (e.g. not following the instructions given in the manual), inexpert assembly, lightning strike, erroneous net voltage. This list is not exhaustive.
- Acceptance of claims under warranty can never lead to the prolongation of the warranty period nor commencement of a new warranty period in case of a device replacement.
- Devices or parts which are replaced under the warranty therefore remain the property of Varo NV.
- We reserve the right to reject a claim whenever the purchase cannot be verified or when it is clear that the product has not been properly maintained. (Clean ventilation slots, carbon brushes serviced regularly, etc.).
- Your purchase receipt must be kept as proof of date of purchase.
- Your appliance must be returned undismantled to your dealer in an acceptably clean state, (in its original blow-moulded case if applicable to the unit), accompanied by proof of purchase.

14 ENVIRONMENT

Should your appliance need replacement after extended use, do not dispose of it with the household refuse, but in an environmentally safe way.
Waste produced by electrical machine items should not be handled like normal household rubbish. Please recycle where recycle facilities exist. Check with your Local Authority or retailer for recycling advice.

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15 DECLARATION OF CONFORMITY

CE

VARO N.V. - Joseph Van Instraat 9 - BE2500 Lier - BELGIUM, declares that,

Product:	Drywall Sander
Trade mark:	POWERplus
Model:	POWX0476

is in conformity with the essential requirements and other relevant provisions of the applicable European Directives, based on the application of European harmonized standards. Any unauthorized modification of the apparatus voids this declaration.

European Directives (including, if applicable, their amendments up to the date of signature);

2011/65/EU
2004/108/EC
2006/42/EC

European harmonized standards (including, if applicable, their amendments up to the date of signature);

EN60745-1 : 2009
EN60745-2-3 : 2011
EN55014-1 : 2006
EN55014-2 : 1997
EN61000-3-2 : 2006
EN61000-3-3 : 2008

Keeper of the Technical Documentation : Philippe Vankerkhove, VARO – Vic. Van Rompuy N.V.

The undersigned acts on behalf of the company CEO,

Philippe Vankerkhove
Regulatory Affairs – Compliance Manager
22/05/2014